

PATENT

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 4 at lines 9-18 with the following amended paragraph:

Segments 2 and 3 of keyboard 1 are usually attached by a hinge or joint 6, which may provide one or more degrees of freedom of relative movement between segments 2 and 3. Hinge or joint 6 in the preferred embodiments is described in more detail below. As described in more detail below, a handle 100, in the form of a lever, forms a portion of a keyboard locking mechanism. The handle 100 may be pivoted from a locked position, which fixes the position of the hinge or joint 6, to an unlocked position ~~100'~~ 101' (dashed lines), which allows pivoting movement of the segments 2, 3 relative to one another in one or more planes. The segment 2 or 3 containing the handle 100 may include an indentation 110 near the end of the handle 100 to allow easier access to, and pivoting of, the handle 100 by the user.

Please replace the paragraph on page 7 at lines 21-31 with the following amended paragraph:

Operation and manipulation of the keyboard 1 of the present invention will now be described. When it is desired to set a new position of the keyboard 1 segments 2 and 3 relative to one another, the handle 100 is pivoted to its unlocked position ~~100'~~ 101'. Pivoting of the handle 100 is accomplished by rotating handle 100 about pin 200, thereby moving cam 102 relative to camming surface 301. In the unlocked position ~~100'~~ 101', the cam surface 103 is spaced a shorter distance d_1 from the axis of pin 200 than the distance d_2 of cam surface 103 from the axis of pin 200 in the locked position. As a result, in the locked position, the cam 102 pushes the camming pin 300 in the direction of the ball element 600, and in the unlocked position ~~100'~~ 101', the cam 102 allows camming pin 300 a degree of movement away from ball element 600, under the influence of biasing element 400.

Please replace the paragraph on page 8 at lines 1-9 with the following amended paragraph:

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In the unlocked position ~~100'~~ 101' the bias of biasing element 400 allows camming pin 300 to move in the direction away from ball element 600. This movement also allows movement of the bearing element 500 away from the ball element 600. As a result, the ball 601 is unclamped between the bearing surface 502 and the bearing surface inside the socket end 705, allowing the ball 601 to rotate between those surfaces. Rotation of the ball 601 is effected by pivoting movement, in one or more places, of the segments 2, 3 relative to one another, one of the segments 2, 3 being affixed to the retaining portion 603 projecting out of opening 706 in socket element 700, and the other segment 2, 3 being affixed to socket element 700.

Please replace the paragraph on page 8 at lines 10-14 with the following amended paragraph:

When the segments are unlocked by moving handle 100 to unlocked position ~~100'~~ 101', the segments 2, 3 may be pivoted in a horizontal plane (i.e., the plane of FIG. 1) relative to one another to reduce or eliminate ulnar deviation in the user's hands and wrists. The segments 2, 3 may also be pivoted in a vertical plane (i.e., the plane of FIG. 2) relative to one another to reduce or eliminate pronation in the user's wrists.